

A. Amendment to the Title

Please amend the title of this application to:

NANOCOMPOSITE DEVICES AND RELATED NANOTECHNOLOGY

C. Amendment to the Specification

Please amend the “Description of the Drawings” section bridging pages 2 and 3 as follows:

D. Description of the Drawings

The invention is described with reference to the several figures of the drawing, in which:

Figure 1 depicts a diagram of a laminated multi-layer sensor according to the invention;

Figure 2a, Figure 2b and Figure 2c depicts the process of terminating and cutting a laminated stack to produce the sensor shown in Figure 1;

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Figure 3 is a circuit diagram illustrating the use of the sensor depicted in Figure 1;

Figure 4a and Figure 4b shows an illustrative electrode pattern for the sensors of the invention;

Figure 5a and Figure 5b are backscatter images of the sensor of Example 1;

Figure 6 is an SEM micrograph of the sensor of Example 1;

Figure 7 presents the response data of the sensor of Example 1 to 5% hydrogen gas; and

Figure 8 presents the response data of the sensor of Example 1 to water vapor.
